

THE WRANGELL SENTINEL

VOLUME 11, NUMBER 42.

WRANGELL, ALASKA, THURSDAY, OCTOBER 31, 1912

\$2.50 PER YEAR, 10c. PER COPY

West Coast Boy Shoots Thumb Off

"Boze" Brockman, son of Fred Brockman, while hunting one day last week, accidentally shot off the entire thumb from his left hand with the twelve gauge shotgun he was using. The boy and his oldest sister were hunting ducks on the beach near Shakan when the accident happened but luckily the Shakan happened by and the boy hailed her, was taken aboard and the boat headed for Klawock where the wound was dressed by a trained nurse. Had the Shakan not happened along the boy would have been obliged to wait for the mailboat, which on account of a trip to Port Armstrong, was not in Shakan yet Monday morning.

Electric Butchering.
Reporting the electrocution experiments at the abattoir in Nantes, France, Dr. S. Leduc states that a large number of oxen, bulls, cows, horses, hogs, calves, sheep and dogs have been slaughtered by this new method, which seems to have proved very satisfactory. The current was of 110 volts with 100 alternations per second.

Not Nature Faking

Albert Flack and M. Katzenmeyer, since their return Sunday from a deer hunt on Kuiu Island, relate the killing of a female deer that has spike horns some six inches in length. The horns are still in the velvet and are peculiarly enlarged at the base. F. H. Gray has the head and will probably exhibit the mount when finished.

Jury Judges

Arenas Insane

Jesus Arenas, the young Spanish lad, a painter by trade, who came to Wrangell last spring with the northward migration of cannery hands, was adjudged insane Tuesday by a jury composed of citizens of Wrangell. For some time past he has been mentally deranged from the use of drugs and late actions warranted the decision of the jury which will commit the erratic painter to Mt. Taber.

No Bulletins

This Election

Owing to the Cable Ship Burnside being out of commission and in drydock for repairs, the Alaska Cable, broken between here and Sitka, will probably not be repaired in time to transmit the presidential election to the eager citizens of Wrangell and Ketchikan. The only excitement "along the line" will be the election returns of the Ketchikan and Petersburg Legislature elections.

After having the cable service installed and instant communication with outside matter-of-fact every day incident for many years, the waiting for returns by boat will seem like "them happy days in '98" when news from the states was an event.

Capt. A. W. Thomas

Pleases Audience

Captain A. W. Thomas, of Ketchikan, candidate for the legislature on the Progressive Home Rule ticket, addressed an appreciative audience at Red Men's Hall last evening on the important issues of the campaign in the First Division. Capt. Thomas proved an interesting speaker and his declaration of the attitude of himself and party toward the Jap invasion of the fishing grounds of South-eastern Alaska; use of food fishes for oil and guano and the fish-trap was enthusiastically received by his hearers.

More Surveyors

For Up River

Another party of Dominion surveyors were passengers to Wrangell on the Sophia Tuesday en route to Telegraph Creek. The party, W. Barrett, G. H. Broughton and Jas. A. Hildbrand, of Vancouver B. C. left for Telegraph this morning with Chas. Roos and Fred Lewis.

Uncle Dan

Storm Bound

Rev. D. F. Waggoner, arriving on the mission boat, Lois, reports meeting the Dan yesterday near Tokoon on her outward trip, having been stormbound in Chatham Strait. The Lois brought mail from Sulzer and other points and will take mail to Klawock to be relayed by the Dan, which will not be back to Wrangell until next week.

NOTICE OF ELECTION

To the electors of the Town of Wrangell, Division No. One, Territory of Alaska: Notice is hereby given that pursuant to an Act of Congress, entitled "An Act to Create a Legislative Assembly in the Territory of Alaska, to Confer Legislative Power Thereon and for Other Purposes," a general election for the election of two senators and four representatives to the Alaska Legislative Assembly, as provided for in said act, will be held on Tuesday, November 5, 1912, between the hours of 8 o'clock A. M. and 7 o'clock P. M. of said day.

The Common Council of Wrangell, Alaska, having heretofore, by ordinance duly designated the voting precincts of said town and polling places in each thereof, the electors are hereby notified:

That all duly qualified voters residing within the boundaries of voting precinct No. 1 of said town of Wrangell, which are as follows: all of the incorporated Town of Wrangell, Alaska, will vote at Town Hall Building, located on

Craig Commissioner's District Established

The District Court has established a new Commissioner's precinct at Craig, Alaska, on the west coast of Prince of Wales Island. The new Commissioner is Orin Kitley, the well-known mill man, who has operated in Craig, Coppermount and other west coast towns during the past eight or ten years. The west coast region is badly in need of officers, as the scope of country is large and often the number of people there reaches several thousand.

Church Street, which is owned by the Town and occupied by the Common Council, the same being the duly designated polling place in and for Precinct No. 1, Town of Wrangell, Alaska.

Dated this third day of October, 1912.

(Signed)
THE COMMON COUNCIL OF
THE TOWN OF WRANGELL
ALASKA.

By J. E. WURDEN, Clerk.

St. Charles Milk

Equal to any of
the best brands
in Reputation
and Quality-----
Sells for less
than Carnation
Now is YOUR
opportunity to
lay in a stock
for winter at

Our Special net cash
price in five case lots

F. MATHESON

Department Store

General Merchandise, Furs, Forwarding

City Store

Donald Sinclair, Prop.



Now I'm Satisfied

There's a world of satisfaction in the possession of a perfect range—one in which you may repose every confidence and absolutely know that your cooking and baking will be done just as you wish. You may depend upon the

Monarch Malleable Range

to give perfectly satisfactory service every day for years and years. The Monarch does not require nearly as much care as ordinary ranges and costs much less to operate. You'll surely be pleased with the Monarch.

Make Your Cooking a Daily Pleasure

We are Alaska Agents for FISHERMAN Engines

6 h. p. \$175.00 13 h. p. \$350.00

4-cycle, reversible—The Best Trolling Engine Made

General Merchandise

Wrangell - Alaska

THE WRANGELL SENTINEL

HAROLD F. DAWES, Editor and Proprietor.

Published at Wrangell, Alaska, every Thursday Afternoon

Entered as Second Class Matter, at the Wrangell, Alaska, Postoffice, under Act of Congress of March 3, 1879

\$2.50 per year in advance, otherwise \$3.00 Foreign Countries 50c extra

Embarrassing.

Rich Plancee—Oh, this bouquet is too costly. You must take it back to the Lieutenant. Valet—Oh, that's all right, miss. Since my master is engaged to you he has been able to get things on credit.—*Fliegende Blätter.*

Can These Be Answered?

What substance gives the paper weight? On what sea does the bargain sale? What clothing does the china ware? What ensign does the ocean wave? Do herring dance at a codfish ball?—*Detroit Free Press.*

Expecting Too Much.

Customer (sarcastically)—I've managed to cut this steak, but I'm bothered if I can chew it. Waiter—Yes, sir. We guarantee our knives, but our responsibility does not extend to our customers' teeth.—*London Punch.*

Your Days.

Every day that is born into the world comes like a burst of music and rings itself all the day through, and thou shalt make it a dance, a dirge or a life march, as thou wilt.—*Carlyle.*

New Type of Car Fender.

J. R. Maguire of Philadelphia has patented a street car fender which he claims will be efficacious under any and all conditions. As described by him, the device is a combination of the "dropping lever" and the projecting type fender. A movable bar, hanging from the front of the fender and extending out several inches, is forced back when any object strikes it, and by means of a chain thus pulled on a lever the fender proper drops flush with the track. The motorman may also operate the device from his place in the car.

Tannhaeuser Beer
On Draught

The Finest Imported
Wines and Liquors

The Tannhaeuser

CHAS. BORCH, PROPRIETOR

Best Domestic
And Imported Cigars

Wrangell, Alaska



Pacific Coast STEAMSHIP Company

Service to SEATTLE and all points SOUTH as follows:

City of Seattle, Oct. 11 and 23
Spokane, 5, 17 and 29

ST. MICHAEL TRADING CO., Local Agents
G. W. Andrews, G. A., P. D., Seattle, Wash.

Pacific Coast & Norway Packing Co.

OPERATES

Cannery, Machine Shop,
Saw Mill & Box Factory

We are prepared to make prompt deliveries
of Lumber and Box Shooks

Largest Stock of General Merchandise
In Southeastern Alaska. Our revised prices are much lower
than heretofore

See

Us before purchasing elsewhere

WE BUY

Fresh and Mild Cured Salmon

Petersburg, Alaska

"The Home of the Fishermen"

Moose Hunting

Good At Craig

In his quest for new members for the Craig Lodge, Loyal Order of Moose, National Organizer, Johnson, met with great success and has secured the fifty members necessary to secure a charter. Craig now enjoys the distinction of holding the record for quick institution of a fraternal lodge, the time, nine days, being the fastest for any lodge anywhere.

The banquet and ball given after the installation of the second class of twenty-five is interestingly described by a correspondent as follows:

"The melloeuous strains of the accordeon orchestra wafted on their way between the raindrops, coaxed everybody out to the Moose dance Wednesday evening. Pap Caughean, with his inimitable "calling" aroused such interest in the various dances that an unanimous sigh was heard when supper was announced by Slatz Winthar at 12:30 but the Moose selected their partners and after the Chow Waltz marched to the banquet hall to the tune of "You'll Come Back." National Organizer, Johnson made some timely remarks when the company had been seated and then the viands prepared by Caterer, Frank, began to disappear. Cigars were followed by toasts, solos and readings until 3 A. M. when with a rousing "Howdy Pap" that shook the block, Craig's social event of the season ended."

Pen, Chisel and Brush.

John Ruskin's biographer, Edward Cook, was recently knighted by the English king.

Owen Johnson has entirely recovered from the attack of typhoid which threatened his life last spring.

W. P. Frith, the Royal academican, is ninety-three years of age, smokes six cigars a day and sits up till midnight playing cards.

Monteverde, the Italian sculptor, has been commissioned to chisel the monument to Verdi, which is to be placed on the Monte Pinco, in Rome.

Train and Track.

Pullman sleeping cars are now in use on the railway between Shanghai and Nanking.

France's fastest train is the one running from Paris to Buzigny, a distance of 112 miles, in 112 minutes.

A Swiss railway company is building its cars of aluminium because of its lightness and rust defying properties.

A French journal states that the railway authorities in France intend to inaugurate "silence" carriages for passengers who do not wish to be addressed by fellow travellers.

Aerial Flights.

When war is conducted in the air it will be as deadly as air aviation meet.—*New York Tribune.*

Whatever the advancement in aviation, it has not been in the line of safety.—*New York American.*

"The championship of the air." What would those words have signified ten years ago?—*Chicago Post.*

The biplane may be safer than the monoplane, but neither can be made equal to the task of saving the reckless flier from his folly.—*New York World.*

State Lines.

Massachusetts has 379,775 women workers.

Value of all taxable property in Missouri is placed at \$1,736,371,808.

Pennsylvania contains one-fifth of the cement mills of the United States.

New York state's 1912 assessed valuations, real and personal, total \$11,023,802,214.

Minnesota is contributing \$118,500 toward construction of ninety-one miles of stone roads in two counties.

Everything New, Clean and
First Class

Electric Light and Steam
Heat Throughout

Well Lighted Sample Rooms for Traveling Men

WRANGELL HOTEL

JOHN G. GRANT
PROPRIETOR

FIRST-CLASS BAR AND DINING ROOM IN CONNECTION

Pool, Card
And Billiard Tables

Courteous
Treatment Always Assured

HUMBOLDT STEAMSHIP COMPANY

The Alaska flyer HUMBOLDT will be in Wrangell

North Oct. 31 South 3 Days Later

and will sail from Wrangell about every 12 days thereafter

St. Michael T'd'g Co.,

Local Agents

DRINK

Rainier Beer

There's New Vigor and
Strength in Every Drop

Guaranteed under the Pure Food and Drugs Act, June 30, 1906,
Serial No. 9772

Seattle Brewing & Malting Co.

SEATTLE, U. S. A.

The Wrangell Meat Market

J. J. McTAGUE, Proprietor

FRESH and SALT MEATS,

POULTRY and GAME

SHIPPING SUPPLIED AT LOWEST RATES

"Just Weights and Fair Dealing" Shall Be My Motto

Wrangell Electric Light & Power Co.

Will supply you with

LIGHTS

ELECTRIC FIXTURES, LAMPS, SHADES, WIRE, SWITCHES,
LAMP ADJUSTERS and BATTERIES

Why not try some of our NEW LAMPS in your home?
We are local agents for PALMER BROS. engines

GIVE US A TRIAL

Palmer & Ensley, Proprietors

THE WRANGELL SAWMILL

Manufacturers of all kinds of

Spruce and Cedar Lumber; Ceiling, Flooring, Rustic
Finishing, Boat Lumber, Salmon Boxes, etc.
Special Attention to Building and Mining Timber

This Sawmill is prepared to make prompt delivery of
Lumber in any quantity to any point in Southeastern
Alaska. Parties intending to use Lumber in quantity
will do well to apply for prices before going elsewhere

Willson & Sylvester Estate

WRANGELL

ALASKA

News of Local Interest

H. D. Campbell is a business visitor in Wrangell this week.

Don't mourn if somebody gets your goat,—advertise for it.

Strong and Lawrence came down from the boundary Wednesday.

Julius Mason is building a 35 ft. motor boat at his home in the Wrangell Narrows.

The Seattle loaded several thousand cases of Salmon at the A. S. P. Company's warehouse last Thursday.

Hang onto your canine friends. T. J. Case has been appointed Town Marshal to look after the untaxed strays.

The Starlight experienced some strenuous weather in Frederick's Sound last week according to reports.

D. L. Wing, who has been fishing in Chatham Straits this summer, returned with family to Wrangell last Friday.

Mr. and Mrs. J. E. Worden entertained about forty of their Wrangell friends at a White Elephant Party (non-political) at their home Tuesday evening.

Miss Taylor, instructor in the Wrangell United States Public School, is attending the Juneau Convention held in the interest the natives work.

L. Horgheim has purchased a Columbia River sailboat from Jim Cooney and will convert it into a power cruiser.

SPIRELLA Corsets—Mrs. Oscar Carlson, Agent.

A. J. KALKINS, AGENT FOR
"Globe" 4 cycle Marine Motor.
"Eddystone-Globe" 2 cycle, open crank-case motors. The best 2 cycle engine made. Factory rebuilt motors. "Perflex" waterproof igniters. Molsinger Auto-sparker.

River transportation summer and winter with Launch "Black Fox" and dog team.

For Sale—Launch Seabird. 19 feet o. a. 7 h. p. new Gray Motor—Inquire W. G. Brown & Sons

STORAGE BATTERIES, guaranteed not to sulphate. Cheaper than dry cells. Come in and see us about 'em. Wrangell Light and Power Company, at Power House.

DIRECTORY

TOWN OFFICIALS.

Mayor Chas. A. Emery
Clerk J. E. Worden
Treasurer F. Matheson

U. S. OFFICIALS.

Commissioner Wm. G. Thomas
Deputy Marshal Wm. F. Schnabel
Col. Customs F. E. Bronson
Asst. Fish & Game W'd'n F. H. Gray
Postmaster J. E. Worden

For professional and tradespeople see advertising columns.

Wm. Cook returned from Tenakee hot springs on the Seattle last Friday looking much the better for his vacation and bath treatment.

R. C. Miller, of Seattle and F. H. Tasher, representing prominent jobbing firms of the northwest, are calling on the trade in Wrangell this week.

Capt. R. L. Cole, recently returned from a trip to the south with the Sisson, was a passenger in on the Lois this morning.

Mrs. Albrecht, wife of E. Albrecht, who is installing the Columbia & Northern cold-storage machinery, arrived from the south on the Spokane. Mr. and Mrs. Albrecht will make their home in Wrangell for the winter.

Capt. Johansen made a trip with the Duckland Sunday, taking Mrs. Hans Nelson to Petersburg to visit with her daughter, Miss Marie Thomeson. A number of the Captain's friends accompanied him on the trip.

The new "hotel" float, replacing the old which, from use and misuse by boatmen and the elements, had become badly damaged, was finished and put in place by Royalty and Claussen Tuesday.

Several Wrangell people were disappointed not getting passage on the Princess May last Friday. All the staterooms were taken by the outrush of people from the interior.

Chas Roos has received a German military rifle of 8 mm. caliber from the German big-game hunters whom he guided on a bear hunt last spring. LOST—A purse on Columbia and Northern dock. Finder please leave at Sentinel office.

At St. Philip's Church

"The Best Evidence and the Best Results" will be the theme at St. Philip's Church Sunday evening, Nov. 3. All Saints Day is the Church Memorial Day and will be celebrated Nov. 1 at 7:45.

Rt. Rev. P. T. Rowe, Bishop of Alaska, will visit Wrangell soon and will preach at St. Philip's Church November 17 or 24th.

Shakan Fishboats Going South

The Shakan cannery fishboats, Shakan, with Victory in tow, and the Alaska Chief, if the weather permits, will go south within the next few days for their winter quarters on the Sound.

SCHOOL SUPPLIES
WRANGELL DRUG CO.

School Notes

(By Olive LaBounty)

The following are the averages made in the different grades at the last monthly test:

Primer: Jenny Ronning 94; Gwyneth Harrington 93.
First Grade: Edward Loftus 92, Ruth Tucker 92.
B. Second: Eleanor Lawrence 98; Elizabeth Churchill 97.
A. Second: Ruth Lindman 96; Mary Smith 96.
Third: Harmon Ensley 91; Martha Tervo 88.
Fourth: Edith Horgheim 96.9; Gussie Leonard 96.5.
Sixth: Helen Hofstad and Anna Loftus 93.9; William Lewis 93.1
Seventh: Carl Carlson 97.8; Estella Thomas 95.6
Eighth: Talitha Ensley and Esther Tervo 99; Adolph Engstrom 98.5
Ninth: Weston Dalgity 99.8; Thor Hofstad 97.7.

SHAKAN

Mariners are grateful for a "blinker" light which now sheds its guiding rays from Shakan Island.

The Shakan salmon pack this year is sixty-six thousand.

Supt. Keegan, has made arrangements to ship the cannery crew south on the Jefferson.

J. Johnson and J. Nickerson are each building 35 ft. fishboats for use next season.

Chas. and George Demmert are building a big shed in preparation for the building of a 60 ft. general-purpose gasboat which they will intend to have ready for operation next spring.

To the Citizens.

Realizing that very few cities have a better site for a city park than Wrangell in its Mt. Dewey, the writer of these lines hereby suggests that the council takes steps to secure certain area of above locality for park purpose and that, if weather permits, as many boys and men as have time meet at the Town Hall, Saturday, November 2 at 9 A. M., with axes and other tools to clear a trail to the top of said Mount Dewey.

A CITIZEN

An Ordinary Mortal.

"Engaged? Why, he seemed quite broken hearted when the other girl refused him."
"Well, he's like the average man. It wasn't long before he was looking for a consolation prize."

Ticklish.

"They say that feathers tickle," said little Willie Gray.
"But that's not true. I tell you—Not always, anyway."

"Last week ma bought a bonnet—Paid forty plunks for it—An' all its wavy feathers Ain't tickled jist a bit."
—New York Telegraph.

His Embarrassment.

"Wealth doesn't always bring happiness," remarked the youngster with the large spectacles.
"Naw," asserted the other kid. "Look at the cousin yonder. He's got 2 cents and he can't decide between lollipops and ice cream."—Pittsburgh Post.

Flannel Shirts

Ouercoats

Warm Blankets

And Comforts

Colder Weather

Staples



They stand inspection!

BUY HALIBUT GEAR

Thlinget Trading Company
Dealers in
General Merchandise
Wrangell, Alaska

Costs More to Brew

Costs You No More

Angeles Beer

At all Leading Bars in Wrangell

BOHEMIAN BAR

Cunningham & Sorset, Proprietors.

Bohemian Draught Beer a Specialty

Select Stock of Wines, Liquors, and Cigars. Pool & Billard Tables

SHIP YOUR

RAW FURS

TO THE

McMILLAN FUR & WOOL CO.

200-212 First Avenue North

MINNEAPOLIS, MINN.

Alaska Furs a specialty. Very top prices paid. Quick cash returns. Shipments held until returns approved, when requested. Make trial shipment. Convince Yourself. WRITE FOR CIRCULARS

Best Rooms at Reasonable Rates

STIKINE HOTEL

A. Lemieux, Prop.

BREWERY BAR

Billards, Pool and Cards

Arctic Brotherhood

Camp Wrangell, No. 28

Meets every Wednesday at 8 P. M. sharp, at Red Men's Lodge Rooms.

Visiting Brothers Cordially Invited

C. M. COULTER, A. C. S. C.

SHURICK, A. R.

Fresh Milk

The kind that nice rich CREAM rises on is what you need I can supply you with it in any quantity. Try some.

N. L. MOEN

PATENAUDE

carries a fine line of

SMOKERS' ARTICLES

WHOLESALE OR RETAIL

Raw Furs!

WE PAY

High Prices for

Fine Furs

Write for Price List

Percy's Fur House

OSHKOSH, WISCONSIN

Established 1872

Wrangell Drug Co.

L. P. Dawes, M. D. Prop.

The place to Buy-

Prescriptions

Toilet Articles

Stationery

Novelties

Come in and see

SAFETY FOR MINERS.

Device For Catching Dust Minimizes Dangers of Consumption.

Dust from the operation of hammer drills in a mine is so apt to be a serious hindrance to work that a dust catcher has been devised in Leadville, Colo., to be used when drilling in ore. It is said to increase the efficiency of the hammer drill 50 per cent and to minimize the danger from miner's consumption.

When the dust catcher is to be used, the hole is started with a bit, which drills a perfectly round hole to a depth of about three inches and the cone shaped tube for dust catching is driven into this hole. The shank of the ordinary drill is then passed through a washer in the rubber end of the bag.



DUST CATCHER ATTACHED TO MINER'S HAMMER DRILL.

the other end of the drill inserted in the tube and the narrow end of the bag slipped on to the tube, whereupon the drill is fastened in the chuck of the machine and the work can go on. It is claimed that the elimination of the dust is practically complete in the drilling that follows.

Until a few years ago hammer drills were scarcely used, so that the miner had little or no dust to contend with, but with its introduction trouble began. The miner is injured by "eating dust" which eventually may develop into miner's consumption; the mine owner suffers loss of money, because whenever a miner drills a hole and is ready to change the drill, he must leave his work and get fresh air before he can continue, which means a loss of from fifteen to thirty minutes on each hole drilled.

Antimony a Byproduct.

Information received by the United States geological survey indicates that no antimony ore was produced in the United States in 1911, but considerable quantities of antimonial lead were made as a byproduct in smelting the precious metals.

Antimony is used principally in antimonial lead as type metal and as ball-buff and other bearing metals, in coffin trimmings, linings for acid tanks, toys, clock cases and other articles for which a fairly hard metal to be gilded or otherwise finished is desired.

Antimony is also used as an adulterant in solder, but is considered a very objectionable element, especially if the solder is to be used for sealing cans holding provisions. Antimony trioxide is used as a pigment in place of white lead, zinc oxide, etc. It is also used for making the glass used to coat iron in enameled ware, as a reducing agent in chemical work and as a detector of alkaloids and phenols. Antimony in various forms is used in medicine. The trichloride, also called antimony butter, is used in bronzing iron, especially gun barrels, as a mordant for patent leather, in coloring zinc black, as a mordant for silver and in the manufacture of lakes, particularly from dyewoods. In some forms antimony is used in dyeing, and the trisulphide is used in fireworks for making "Bengal fire."

Brass Cleaning Paste.

The following makes a good cleaning paste: Rotten stone, six ounces; oxalic acid, one ounce; equal parts of whale oil and spirits of turpentine sufficient to make a paste. A general metal polishing paste may be made as follows, the quantity of the parts being by weight: Petroleum jelly (white), ninety parts; kieselguhr, three parts; refined paraffin wax, ten parts; refined chalk or whiting, ten parts; sodium hypophosphite, eight parts. The jelly and the wax are first melted and the other ingredients stirred in and the entire mass ground. A little citronella can be added to cover up disagreeable odors and scent the paste. A polishing powder may be made as follows, the quantities being by weight: Putty powder, fourteen parts; pipeclay, fourteen parts; kieselguhr, forty-two parts; tartaric acid (powdered), one and one-half parts. Blacksmith and Wheelwright.

Kind of Him.

"George, I'm very much worried. The landlord says he is going to raise the rent."

"Is he? Tired why do you want me to worry trying to do it?"—Baltimore American.

JEFFERSON DOLPHIN

Regular Sailings North and South

Every 6 Days

Best of Boats

Best of Service

Connect at Juneau for the Westward

Connect at Seattle with trains for all points.

Alaska Steamship Company

Lowland Bldg. Seattle, Wash.

Wrangell Steam Laundry
F. E. Leonard Prop.

Up-to-date Laundry Work
At the Right Prices

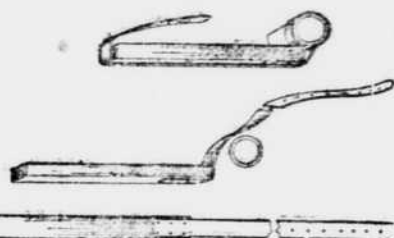
Wrangell, Alaska

CHEAP PIPE WRENCH.

Combination of Strap and Lever Effective and Safe.

Quite frequently it becomes necessary to have a pipe wrench, especially for brass tubing, that will not mar the work and yet at the same time will permit of using sufficient force to produce the required results without crushing the tubing.

Fig. 1 shows one of the cheapest, simplest and yet most efficient of pipe wrenches. It consists of two parts—a piece of hard wood about 11½×11½×18 and a piece of strong two inch leather belting about three feet long. The strap should be riveted to the wood with rivet heads well sunk below the surface of the wood on the side opposite the strap side of the lever. The loose end of the strap should have holes punched at intervals of one inch or so to make it adjustable to the work with the stud on the opposite side of the bar. The strap should be turned



WRENCH FOR POLISHED PIPE.

down over the end of the lever, then up and around the work and back along the top of the lever and around the opposite end, where it is fastened to the stud on the underside. The object of throwing the strap around the end of the lever rather than to fasten it at the end is to insure a maximum amount of pull on the strap with a minimum strain where it is fastened to the stud. Use this device like any other pipe wrench. To release the wrench for another pull simply pull it away from the pipe far enough to allow it to loosen its grip and begin for the new pull by simply repeating the first operation. The end of the strap must not be taken from the stud after it is adjusted until the operation of turning the pipe is completed.

With the use of this wrench an even strain is placed upon the tubing on its entire surface without any possible danger of marring or crushing it.

With a few trials the work can be done as quickly as with an open pipe wrench.—Scientific American.

Coal Made in Laboratory.

What geologists say nature took millions of years to produce, a German scientist has accomplished in hours in his laboratory. He has made hard coal from peat and even from cellulose, which is the chief part of the solid framework of plants, by heating it in a specially constructed apparatus under great pressure. At a temperature of 530 degrees F. cellulose was converted into coal in sixty-four hours and at 644 degrees in eight hours. From data obtained by a series of such experiments the scientist has deduced the length of time necessary for the formation of coal beds in nature, and his result tallies closely with that calculated by geologists from entirely different considerations.

Just Received

A Large Assortment of

Granite, Tin, Crockery and Glass
WARE

Come In and look over our line of
Ladies' and Children's Summer Dresses.

Don't Forget!

Our Large stock of Ship Chandlery
and Hardware

TINSMITHING and PLUMBING

Order your next Gasoline Tank from us and Get Results

FREE! Do your purchasing from us and get a
check on a set of COMUNITY SILVER

St. Michael Trading Co.

P. C. McCormack, Prop.

Wrangell - - Alaska

WRANGELL MACHINE SHOP

Katzenmeyer & Gingrass, Props.

UP-TO-DATE machines; New and Complete stock
of Fittings; Best Workmanship -

Agents for FERRO marine motors

Wrangell, - - Alaska

S. C. SHURICK, M. D.

PHYSICIAN AND SURGEON

CALLS ATTENDED DAY OR NIGHT

OFFICE, REAR OF DRUG STORE

WRANGELL ALASKA

LEONARD P. DAWES, M.D.

PHYSICIAN AND SURGEON

Office in rear

DRUG STORE

WRANGELL - - ALASKA

C. A. EMERY, D. D. S.

DENTISTRY PRACTICED

IN ALL ITS BRANCHES

Office and residence over printshop
Hours, 9 to 12 and 1 to 5

Other hours by Appointment

WRANGELL ALASKA

Stickine Tribe Number 5

Imp. O. R. M.

Meets Tuesday evening of each
week at Red Men's Hall, Wrangell,
Alaska. Sojourning chiefs always
welcomed.

Dr. E. A. Emery, Sachem.
L. M. Churchill, C. of R.

People Read
Sentinel Ads.
YOU Are Doing
It NOW

FRED C. MILES

General Merchandise

WRANGELL ALASKA

FRANK R. NYE
WATCH
and
CLOCK
DOCTOR

Bring or send in your sick
timepieces or broken jew-
elry and I'll fix 'em good
as new.

FRONT STREET

Wrangell - Alaska